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CENTRAL INTELLIGENCE AGENCY

REPORT NO. [REDACTED]

# INFORMATION REPORT

CD NO.

COUNTRY Germany (Russian Zone)

DATE DISTR. 19 April 1950

SUBJECT The Schwarzheide Hydrogenation Plant

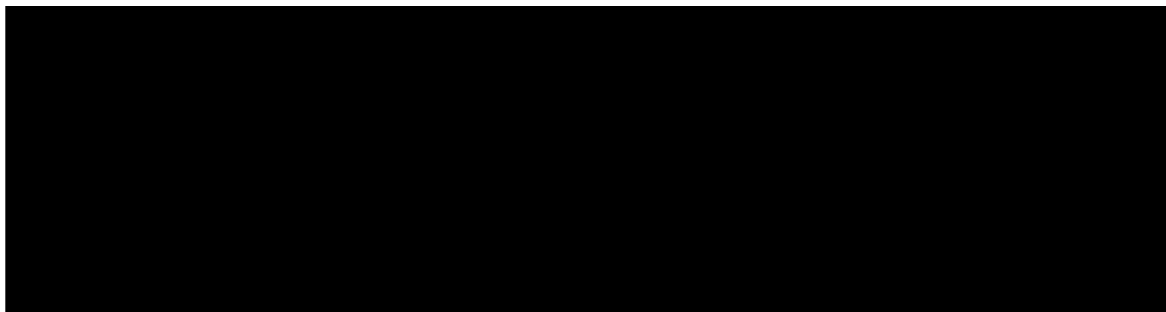
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NO. OF ENCLS. 1\* (1plan)  
(LISTED BELOW)

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SUPPLEMENT TO REPORT NO.



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1. Management of the Schwarzheide Synthesewerk (synthesis plant), a soviet corporation plant near Senftenberg (N 52/A 34), former designation Brabag (Lignite Gasoline Corporation);

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soviet chief engineer:	Capt Abdulilayev
German manager:	Maertens
Chief chemist:	Dr. Klein
Chief engineer:	Graduate Engineer Weiss
Director of personnel:	Spotvog.

2. Work force:

About 4,800 to 5,000 employees and workers.

3. Production:

About 120 tons of gasoline per day (about half of the former production). By-products: Liquid soap, gas oil, paraffin, shoe polish, and basic ointments. Gasoline of four different qualities is produced. The octane number of the best quality is 80. Detailed information on the other three qualities is not available. The gasoline is supplied to the Soviet Army in railroad tank cars.

4. Chemical pases:

Lignite briquettes (so-called "Semmel") originating from the Werra and Vitoria III mines. Fischer-Tropsch process (contact process without pressure; cobalt and nickel are used as chemical contacts).

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5. Turbines:

Three turbines are available, two being operated (one 7,850-kw, and one 4,500-kw turbine).

Another turbine which is urgently needed is under repair at the AEG plant in West Berlin.

6. power:

Power is supplied from the nearby Lauchhammer (W 52/E 96) giant power station which was formerly equipped with seven turbines. Today, only one of 12,500 kw is in operation.

7. A map of the Schwarzhilde hydrogenation plant (scale: 1:2,500) with legend is annexed).25X1A comment:

a. The daily production rate as indicated in this report corresponds to an annual rate of about 43,000 m tons of gasoline. The capacity of the plant is about 95,000 m tons primary products per year. The synthetic process applied makes it possible to adjust, to a large extent, the quantitative proportion of liquid gas, gasoline, gas oil and paraffin by choosing appropriate conditions for reaction. Thus it seems possible that the production of the Schwarzhilde synthesis plant should have been shifted to gas oil, paraffin and others. In view of the well-known shortness of fuel throughout the Soviet Zone of Germany, however, such a shift is considered unlikely.

b. The plant is owned by the "Synthesis" Soviet Corporation which is reportedly headed by Lt Col Lukarov.

1 annex: Map of the Schwarzhilde hydrogenation plant

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Legend to Annex of

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A Soap production  
 B paraffin production  
 C Refinishing department  
 D Fuel-distillation department  
 E Fuel preparation  
 F Gas production  
 G power plant  
 H Fuel storage and filling station  
 H<sub>1</sub> Former fuel-distillating department  
 H<sub>2</sub> Former gas production

The following individual installations are also known:

Building No 15. Main workshop

22 Community house  
 23 Kitchen  
 24 Administration  
 25 plant laboratory  
 33 water tower  
 43 guardroom of fire department  
 47 main guardroom  
 115 Fuel production  
 116 through 119 synthesizing towers  
 179 through 185 Building yard  
 73, 101, 102, 120, 175, 162, 230, 231, 232 Gasholder in operation  
 34, 40, 108, 109, 122, 123, 145, 146, 212 Cooling towers  
 19, 42, 56 Refilling station (19 - Boiler installation partially demolished)  
 29 Boiler installations (3 large, 5 small boilers in operation, capacity of the large-size boilers about 644,000 gallons each)  
 X Crossed-out spots mean buildings demolished and not reconstructed.

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